Yosr Jarraya

List of Publications by Year
in descending order

20 papers	**546** citations	1478505 **6** h-index	1474206 **9** g-index
20 all docs	**20** docs citations	**20** times ranked	**514** citing authors

#	Article	IF	Citations
1	A Survey and a Layered Taxonomy of Software-Defined Networking. IEEE Communications Surveys and Tutorials, 2014, 16, 1955-1980.	39.4	289
2	Verification and Validation in Systems Engineering. , 2010, , .		43
3	Efficient Provisioning of Security Service Function Chaining Using Network Security Defense Patterns. IEEE Transactions on Services Computing, 2019, 12, 534-549.	4.6	38
4	Automatic Verification and Performance Analysis of Time-Constrained SysML Activity Diagrams. , 2007, , .		30
5	Security Compliance Auditing of Identity and Access Management in the Cloud: Application to OpenStack. , 2015, , .		27
6	Stealthy Probing-Based Verification (SPV): An Active Approach to Defending Software Defined Networks Against Topology Poisoning Attacks. Lecture Notes in Computer Science, 2018, , 463-484.	1.3	21
7	LeaPS: Learning-Based Proactive Security Auditing for Clouds. Lecture Notes in Computer Science, 2017, , 265-285.	1.3	18
8	Proactive Verification of Security Compliance for Clouds Through Pre-computation: Application to OpenStack. Lecture Notes in Computer Science, 2016, , 47-66.	1.3	17
9	On the Meaning of SysML Activity Diagrams. , 2009, , .		15
10	Model-based systems security quantification. , 2011, , .		10
11	Formal Specification and Probabilistic Verification of SysML Activity Diagrams. , 2012, , .		9
12	Learning probabilistic dependencies among events for proactive security auditing in clouds. Journal of Computer Security, 2019, 27, 165-202.	0.8	8
13	Proactivizer: Transforming Existing Verification Tools into Efficient Solutions for Runtime Security Enforcement. Lecture Notes in Computer Science, 2019, , 239-262.	1.3	6
14	<i>ProSAS</i>: Proactive Security Auditing System for Clouds. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 2517-2534.	5.4	5
15	Quantitative and qualitative analysis of SysML activity diagrams. International Journal on Software Tools for Technology Transfer, 2014, 16, 399-419.	1.9	4
16	Preservation of Security Configurations in the Cloud. , 2014, , .		3
17	Security estimation in Streaming Protocols. , 2011, , .		1
18	Towards migrating security policies of virtual machines in Software Defined Networks. , 2015, , .		1

#	Article	IF	Citations
19	Catching Falling Dominoes: Cloud Management-Level Provenance Analysis with Application to OpenStack. , 2020, , .		1
20	Synergistic verification and validation of systems and software engineering models. International Journal of General Systems, 2009, 38, 719-746.	2.5	0